

## **CURRICULUM VITAE**

**Hardik K. Patel**

### **Contact Information:-**

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### **Career Objectives**

To make a career head with an organization where I can keep myself equipping and pacifying my thrust for knowledge and innovation, to be a technopreneur, so that I can contribute my best to the development of society and nation.

### **Summary**

- Adequate, Fruitful, Dedication with an experience of 3.5 years solid experience in production of different types of valves, along with strong situation facing and administration skills. Currently I am working in Standard radiators Pvt. Ltd. as a Senior Production Engineer for last two months. Before this company I was worked in varun radiators Pvt. Ltd. And before varun I was worked in Valeo India Pvt. Ltd for 2.8 Years As a junior production Engineer. As of now seeking to respond to new challenges and contribute to effective opportunity of your organization in the maintenance sector.
- Valeo is a vendor company of Ford Motors and is engaged in manufacturing of Motor Car's Thermal Power Train System like Radiator, Charge Air-cooler, Turbo Charger, Fan Assembly etc.
- Gained proficient exposure in Tool Room where the different kinds of valves are Manufactured, Assembled, Testing, Quality Check, Documentation and all other related operations are carried out.

### **Professional Experience**

#### **Abhay Industries**

**Duration:-** Since 18<sup>th</sup> Jan 2019 to Till date.

**Designation:-** Production Manager

- Looking After all the production & planning. Abhay is the fast growing Radiator manufacturing company. Abhay radiator Making copper & aluminum radiators for indian market & also export.

### **Standard Radiators Pvt. Ltd.**

**Duration:- Since 26<sup>th</sup> April 2018 to 11<sup>th</sup> Jan 2019.**

**Designation:- Senior Production Engineer**

- Looking After production of whole chain Radiator manufacturing process including Brazing Furnace, Radiator core builder, Radiator crimping and Leak testing machine.

### **Varun Radiators Private Limited, Chhatral, Gandinagar**

**Duration:- Since 25<sup>th</sup> September 2017 to 24<sup>th</sup> April 2018.**

**Designation:- Senior Production Engineer**

- Looking After production and maintenance of whole chain Radiator manufacturing process including Brazing Furnace, Radiator core builder, Radiator clinching and Leak testing machine and Tube mill.

### **Valeo India Limited, Sanand, Ahmedabad**

**Duration:- Since 15<sup>th</sup> December, 2014 to 20<sup>th</sup> September 2017**

**Designation:- Junior Production Engineer**

- Looking After production & maintenance of whole chain Radiator manufacturing process including Brazing Furnace, Radiator and CAC core builder, Hydraulic crimping machine, Leak testing machine, Foam assembly Machine, Fan Assembly Line and Tube mill.

### **Premier Valves and Fittings Private Limited**

**Duration:- August, 2011 to November, 2014**

**Designation:- Production and Project Engineer**

- Operation and maintenance of all the machine like lathe, Boring, VTL, Radial Drilling, Planner, Shaping.

<b>Core Skills</b>
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- Team Work Building for the good and effective Maintenance with accuracy.
- Inspire the Team to maintain 5S, Problem Solving by QRAP Board and maintain QCDM.
- As a responsible of whole operation and maintenance firstly need of Safety work i going throw various Safety process like different work permits, LOTO.
- Provide proper guidance to the team for improvement in the preventive maintenance, so that best cost saving kaizen.
- To train the team for sustaining PM targets and maintaining the requisite documents.
- Using various root cause analysis techniques like fish bone diagram, Factor tree analysis, why why analysis, etc. to increase the reliability and availability of equipments.

- Maintenance of manually or PLC operated auto machines & it's related all documents & PM of the machines & press die and tools.
- Knowledge of using and implementing Lean Manufacturing System like TPM , KOSU, SENG & SUGI, ERIM, MUDAS, 10 TOOLS, 7 QC TOOLS, Kanban, TRP , FDPR, PTR, PFMEA, PDCA, LLC and etc.
- Knowledge of maintenance and operating of Radiator & CAC core builder, Radiator and CAC crimping, foam assembly, leak testing machines and fan assembly machines.
- Continuously involves in System modification & improvement activities for safe, efficient and smooth running of Plant.
- Providing solutions and fixing equipment malfunctioning, system faults by using root-cause-failure techniques, corrective actions, modifications and performing replacements and/or new installation.

<b>Professional Training in Valeo India Ltd.</b>
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- 5S Management Training
- OHSAS Training For ISO 18001-2007
- SMED Training
- ERIM Training
- TS Audit Training
- EMS Training for ISO:14001-2004

<b>PROJECTS EXECUTED</b>
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**Project Title: - Reduce sort bar leak from B&P types Radiators**

- I was build one team for validation of in process work like washing , digressing ,clamping ,fluxing of sheets etc. And collect the data.
- After completing the analysis we got that the problem comes from tig welding side and we informed to our welding team and discussed the problem and they were improved the welding process and our all team well contribute for solve this problem.
- After solved this our rejection percentage became down (0 to 3%).

**Project Title: - Improve tube cutting machine and core building on 1st October 2017**

- I improved the process of tube cutting. Before the improvement they use manual machine and face the problems in production and quality. I designed the semi-automatic tool for improve both of this.
- In core building process they are using manual method for core assembly. I designed semi-automatic tool for core building. After this improvement productivity and quality are increase.

**Production Improvement:-** 1400 Numbers of Radiator core produced in 24 hrs.

**Project Title:** - Problem solving and Cycle trimming reduction of Radiator Leak Testing Machine on March 2015

- I did solve false Leak problem in final assembly line's leak testing machine and also set the position of sensor to stop bypass of machine.

**Production Improvement:-** 480 Numbers of Radiator manufacturing increase in 24 hrs.

**Project Title:** - Reduce usage of Flux in Brazing Furnace on July 2016

- I gave most cost saving kaizen in our brazing furnace. We use flux in furnace for brazing and its daily consumption is 65 kg/Shift. And after my kaizen the ratio came out down and now we use only 25 to 30 kg aluminum potassium fluoride (Flux) for 1200 to 1300 parts.

**Cost Saving:-** 18 Lac per Annum

**Project Title:** - To work on foam shifting issue and solve it on February 2017

- I gave most important kaizen in foam assembly machine for stop rework and improve TLR. For solving this issue I was worked on radiator diesel foam assembly tool and solve the problem.

**Project Title:** - Valve and Pipe line installation in Power plant on Jan 2013

- Executed the project of manufacturing and installing valves and pipeline in Thermal Power Plant at Vermanagar, Kutch and Hydro Power Plant on Kadana Dam.

<b>Educational Qualification</b>
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Qualification	Year of Passing	College/School	University / Board	Percentage / CGPI	Grade / Class
Diploma in Mechanical Engineering	2012	Shree N.M.Gopani Polytechnic	GTU	6.77	First Class
H.S.C	2008	Vidhyanagar Higher secondary School	G.S.H.E.B	42.20%	Second Class
S.S.C	2006	Vidhyanagar Higher secondary School	G.S.H.E.B	74.75%	Distinction

### Computer Skills

- AUTO CAD
- MS Office
- Internet Exposure
- En compass System (ERP Based)
- Cristal MIS System

### Soft Skills

- Enthusiastic in team work and team leading.
- Dedicated to complete any work.
- Confident and self-motivated.
- Committed to deadlines and schedules.

### Personal Details

<b>Full Name:</b>	Hardik Kanubhai Patel
<b>Permanent Address:</b>	B-403, Saigold residency V.I.P School Road , Behind D-Mart, New Indiacolony Road Nikol Ahmedabad -380024
<b>Date of Birth:</b>	30 <sup>th</sup> January 1991
<b>Gender:</b>	Male
<b>Father's Name:</b>	Mr. Kanubhai Punjabhai Patel(Late)
<b>Languages known :</b>	English, Hindi, Gujarati.
<b>Nationality:</b>	Indian
<b>Current CTC:</b>	5.51 LPA

The details as provided above are fair and true to my best of my knowledge.

**Yours Sincerely**



Hardik Patel